HOME AND BUSINESS SECURITY

4 CHANNEL NETWORK DIGITAL VIDEO RECORDER

The LOREX L3104 Network DVR records in Real Time on 4 Channels with 120 fps recording capability. Images can be easily transferred using the USB flash drive. The system can be viewed and controlled over the internet from a remote location with trouble free access via the Free DDNS Service.

- **USB port for transferring critical images**
- **120 fps recording speed for Real Time display & recording on 4 channels**
- **Programmable Video Motion Detection**
- **4 camera inputs (4 BNC)**
- **Pre-alarm recording feature**
- **High quality recording with modified MJPEG compression (5~20Kbyte/frame)**
- **Audio Recording Function is available**
- **Internet / Web Ready – view and control your DVR from anywhere in the world over the internet**
- **Free DDNS Service included for easy remote internet access**

RECORDING TIMES (IN HOURS)

FPS		30	16	8	4	1
Rec	Best	41	77	154	308	1232
Quality	High	60	112	225	449	1796
	Normal	96	180	359	719	2874
	Basic	144	269	539	1078	4311
HDD Type:	160 GB					
IDSM	Low					

NETWORK SURVEILLANCE

Enhanced Functionality
FREE DYNAMIC DNS SERVICE
Compatible for all systems

LOREX®

HOME AND BUSINESS SECURITY

4 CHANNEL NETWORK DIGITAL VIDEO RECORDER

SPECIFICATIONS

VIDEO SIGNAL

Video Signal System	NTSC/PAL (Auto Detection)
Video Inputs	4 Channels
Video Input Signal	NTSC/PAL composite, 75 Ø, 1.0vpp
Video Out	1 Video Monitor, 1 S-Video
Video Output Signal	NTSC/PAL composite, SVHS
Audio Input	1 Channel
Audio Input Signal	RCA
Audio Output	1 Channel
Audio Output Signal	RCA
DISPLAY FEATURES	
Display Format	120 (NTSC) / 100 (PAL) FPS
Sequencing (Dwell)	YES (Interval Time 1~10 sec)
Display Size	720X480 (NTSC) 720X576 (PAL)

RECORDING & PLAYBACK

Replay Resolution	720X480 (NTSC) 720X576 (PAL)
Replay Format	1 Channel or Quad Channel
Recording Mode	1 Channel at 360X240 pixels Record Quality 4 Levels. IDSM 3 Levels, Post Alarm, Pre Alarm (100~900 Frames) Schedule Recording Available
Compression Algorithm	MJPEG + Pseudo MPEG
Recording Rate	120 FPS at 360 X 240 (NTSC) 100 FPS at 360 X 288 (PAL)
Search Mode	Event Search, Day & Time Search
Image Size	1~30kbyte (Very High: 30k, High: 20k, Mid: 15K, Low: 10K) Clculated image size is without IDSM function. With IDSM setting, the image size can be dramatically reduced.
Play Speed	X1/32 ~ X8192
Motion Detect Support	YES
Sensitivity adjustable	YES
Independent CH Recording	YES

STORAGE

Storage Structure	Proprietary Format
Back-up	USB, Removable HDD Reading Program

CONNECTORS

Video Inputs	1 BNC
Video Output	1 BNC, 1 SVHS
Alarm In/Out	Terminal Block
Ethernet	RJ45

ALARM

Alarm Inputs	4 inputs
Alarm Output	1 output
Multiple Alarm Display	YES
Alarm Duration	Available
Video Loss Detection	YES

NETWORK

Network Interface	TCP/IP
Remote Monitoring	Yes

ENVIRONMENTAL

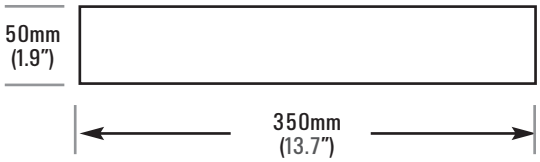
Operating Temperature	5 C ~ 40 C
Humidity	20% ~ 80%

PRODUCT INFORMATION

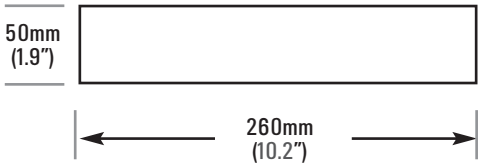
Model #:	L3104000
Description:	4 Channel Network DVR
UPC:	7 78597 34000 6
Package Dimensions:	15.3" (W) x 15.3" (D) x 3.5" (H) 389mm (W) X 389mm (D) X 89mm (H)
Package Weight:	6.2 LB / 2.8 kg (Excluding HDD)

DIMENSIONS

FRONT VIEW



SIDE VIEW



LOREX TECHNOLOGY INC.

300 Alden Road, Markham,
Ontario L3R 4C1
Canada

3700 Koppers Street, Suite 100
Baltimore, Maryland 21227,
USA

©2006 Lorex Technology Inc.
All trademarks are properties of their respective companies. Lorex Corporation reserves the right to change models, configurations or specifications without notice or liability. Product may not be exactly as shown.